Version Name: Period 2 IAP Cover Sheet Period, Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] Incident Name: South 4 Group Fire Approved By Federal OSC Adams, Adam Branick, Jeff Jefferson County Judge: Davila, Hope [5] 公仏仏仏 State OSC: Monk, Troy EOC Manager: Incident Action Plan

DJI_0029.JPG



IAP Cover Sheet		Prepared By IAP Support (posted 11/29/2019 18:52 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE	Printers 11/29/2019 19:03 UTC -5:00	1.478	0,TRG

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Weather Report Version Name: 11/29/2019 1900 Weather

Incident Name: South 4 Group Fire Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00]

Present Conditions

Weather Conditions as of 11/29/2019 18:59

beaumont/port ar station id: MID KBPT

Temperature: 70° Fahrenheit

Wind Speed: 13 mph

Wind Direction (from): SE

Visibility: 1.75 mile(s)

Humidity (%): 94 %

Short Description: N/A

Full Description: Cloudy with Mist and Fog

Current Speed:

Tide

High

Low

High

Low

Sat 11/30/2019

Sun 12/01/2019 Height

0.947

-0.153

0.917

-0.086

Current Direction (to):

Water Temperature: ° Fahrenheit

Feels Like: 70° Fahrenheit

Dew Point: 68° Fahrenheit

Pressure: 30.04

UV Index:

Sunrise: 06:52

Sunset: 17:16

Wave Height:

Wave Direction:

Swell Interval:

Forecast Date				Night
Fri		Mostly Cloudy with Isolated Showers		Mostly Cloudy
11/29/2019	7788	Chance of Precipitation(%): 10%		Chance of Precipitation(%): 7%
	73 F	Wind: 11 mph	66 F	Wind: 9 mph
Sat 11/30/2019		Mostly Cloudy with Scattered Showers		Partly Cloudy with Scattered Showers
		Chance of Precipitation(%): 38%		Chance of Precipitation(%): 45%
	78 F	Wind: 12 mph	55 F	Wind: 8 mph

Time

00:36

15:38

01:36

16:38

UOM

feet

feet

feet

feet

Tides Tide Station Location Rainbow Bridge, Tx Us Rainbow Bridge, Tx Us Rainbow Bridge, Tx Us Rainbow Bridge, Tx Us

ICS 202 - Incident Objectives		B	Version Name: Period
Incident Name: South 4 Group Fire	2	1	/2019 06:00 - 12/01/2019 06:00
Ensure the Safety of the Public and R		ective	
Maximize Protection of Environmenta	•		
Stabilize the Incident and Protect Una		al Infrastructure	
Contain, Recover and Dispose of Spil	led Material		
Manage Coordinated Response Effor	[
Keep Stakeholders, Local Governmer	nt, and Public Informed of F	Response Activities	
Operational Period Co	mmand Emphasis (Safet	y Message, Priorities, Key Dec	isions/Directions)
Ensure proper site safety plan and ris	k analysis when conductin	g tactics.	
Support mandatory evacuation/shelte	r in place.		
Support rehab for first responders.			
Maintain situational awareness.			
Establish estimated inventory of rema	ining product.		
Maintain an inventory of fire fighting w being used and remaining inventory.	rater volume and remaining	g containment capacity. Maintain	record of fire suppression foan
Establish and maintain an approved a	ir monitoring plan with a pu	ublic health component.	
Establish and maintain Document Ref	ention, especially in regard	ds to decision making documents	
People, Environment, Assets, Reputa	tion		
Prioritize the prevention of product or	sheen from being discharg	ed into the Neches River.	
ICS 202 - Incident Objectives			Jpdated 11/29/2019 16:16 UTC -6:00 F
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ICS 202a - Command Direction Version Name: Period 2 Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] Incident Name: South 4 Group Fire **Priorities** People (Life Safety) Assets **Environment Protection** Incident Stabilization Protect Transportation Infrastructure Waterway Management Public and Stakeholder Engagement Evidence Preservation **Property Preservation** Society Restoration/Business Continuity Information Management Resumption of Commerce

Reputation

Limitations and Constraints

- Weather Conditions
 - Temperature inversion forecasted, pushing air down
- Night Operations
 - Continue with fire suppression and maintain exclusion zone
- · Location of the Incident
 - Established
- · Availability/shortfall of Resources
 - Possible support resources and services may be limited due to holiday
- Transportation/Logistics
 - Logistics Section Chief
- Support Infrastructure
 - Jefferson County
- Permits (Authorization to apply Alternate Response Techniques)
 - No need.
- Wildlife activities (fish, birds, etc.)
 - No reports currently.
- · Access to Shoreline (Private vs Public Lands)
 - Contact Rhonda Murgatroyd at conclusion of Objectives Meeting
- Spilled Material Characteristics (monitoring/PPE requirements)
- · Public Health
- · Community/Media Perception
 - JIC and Media Staging being established.
 - Inquiry management plan.
- Changes in Evacuation or SIP orders asordered by Jefferson County Judge
- Evidence Preservation
 - Pending
- Delegation of Authority Limitations
- Work/rest Rotation Requirements
 - Acadian Ambulance
 - Disposal of Waste
 - Pending
- Jurisdictional Issues
 - Unified Command established.

Incident Name: South 4 Group Fire	Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00]
ICS 202a - Command Direction	Version Name: Period 2

Key Decisions and Procedures

Key Decisions

- Makeup of UC Federal, State, Local, & RP
- Name of Incident = South 4 Group Fire
- Overall Response Organization Staffing
 - Operations Section Chief & Deputy OSC = TPC
 - Planning Section Chief & Deputy PSC = TPC
 - Logistics Section Chief = TPC
 - Finance Section Chief = TPC
 - Safety Officer = TPC
 - Public Information Officer = TPC
 - Liaison Officer = TPC
 - Environmental Unit Leader = TPC

Note: section chiefs have full authority on filling positions; however, ensure agencies are integrated into the organization

- Command Post Holiday Inn & Suites, 3950 IH 10, Beaumont, TX 77705
- Joint Information Center Holiday Inn & Suites, 3950 IH 10, Beaumont, TX 77705
- Operational Period and work hours 24 Hour Ops Period from 0600hrs to 0600hrs
- All external releases of information should be approved by UC (Press releases and press conferences)
- Any resource request over \$10,000(pending logistics) should be approved by EOC Manager
- · Any issues around waterway management will be coordinated by CG

Procedures

- Resource Requests / Ordering Process (ICS 213 RR) Beginning 0600 November 28th
- Press Releases / External Reporting Procedures Done
- · External Reporting Review & Approval Process Planning Cycle
- Operational Security Process TRG Lanyards and Badges
- · Documentation Process and Guidelines IAP Software, following document retention
- Finance Operating Guidelines Is deployed
- Claims Process Number established (866) 601-5880
- · Demobilization Process Pending
- Shoreline Cleanup Assessment Techniques As applicable

Incident Name: South 4 Group Fire	Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00]
ICS 202b - Critical Information Requirements	Version Name: Period 2

Critical Incident Reporting Threshold (Critical Information Reports):

Notify Unified Command Immediately for any of the Following:

- · Injury Beyond First Aid or Death
- Evacuations
 - Any change to evacuation/SIP order
- Any Air Monitoring Results Exceeding Action Levels
 - Working on air monitoring plan
- Critical Response Equipment Status Change
- · Change in the Source Status
- Critical Weather Events
- Public infrastructure closures (parks, boat ramps, railroads, roads, etc.)
- Protests / Demonstrations
- · Significant Security Issues
- · Breach of Safety Zone
- VIP Visits
- Dead or Oil Impacted Wildlife
- Adverse Media Coverage or Stakeholder Input
- · Affected Public Seeking Medical Attention
- Significant Response Events
- Impacts to Commerce
- · Any unaccounted for, or unauthorized personnel in the field
- · Special requests from agencies
- Impacts to Water Intake of the Neches River
 - Release of sheen or product to the Neches River
- · When containment level of any area reaches critical levels

ROUTINE REPORTING:

Situation Unit:

- Progress Report ICS-209 Incident Status Summary (Daily Report 1800hrs)
- Live Common Operating Picture (Displays Ongoing)
- Spot Weather Report, Trajectories & Meeting Schedule (Displays Hourly)
 - Command and General Staff Meeting 1900hrs at new ICP (Rest of Meeting Schedule to follow)

Operations:

- Operational Status Update prior to Objectives Meeting & Key Trigger Points in the response (Milestones/Operational Constraints/Challenges/Future OPS) from OSC/PSC/Logistics) - (Briefing)
- Fire water reportout including fire water runoff/discharged to both watewater treatment and outfall (0600 Operations Briefing)

Liaison Officer:

- Agencies assigned to incident listing (Report 0800hrs)
- Adversely impacted & involved stakeholders listing (Report 0800hrs)

Public Information Officer:

- Media Talking Points from PIO (Daily Report 0800hrs)
- PIO to report on media climate (Report/Briefing 0800hrs)

Finance:

- Burn Rate from Finance (Report 0800hrs)
- Updated claims information (Report 0800hrs)

Incident Name: South 4 Gr	oup Fire			Period: Per	od 2 [11/30)/2019 06:00 -	12/01/20	19 06:0
	1		Operation:	Personnel				
Position	Name		Affiliation		Contac	t Number(s)	Work S	hift
Recovery & Protection Branch Director	Harbor,	Clean		ors Environmental (CHES)				
Air Ops Group Supervisor	Camero	n, Chris	The Respon	se Group	832-493	3-2437		
Air Ops Group Supervisor	Colemar	n, Bob	The Respon	se Group	832-493	3-1485		
Air Ops Group Supervisor	Lindsey,	, David	The Respon	se Group	(b) (6)			
			Resource	s Required				
Area Of Operation		Resource		Description		Q	uantity	Size
Air Operations Group		Aircraft: UA		Aircraft: UAV			each	
Air Operations Group			: Responder	UAV Observe	r		each	
Air Operations Group		Manpower		UAV Pilot	•		each	
			•	nments				1
Coleman, Bob	*******************************		832-493-1485 w:					
Awareness of surroundings	s while in		al Site-Specific	Safety Consideratio	ns			
Awareness of surroundings	s while in		al Site-Specific	Safety Consideration	ns			

ICS 204 - Assignme	Group Fire			Period: Perio	4 2 [11/20/	/2010 08·00	12/01/20	110 NA·
Ticident Name. South 4 (Gloup File		Operations		u 2 [11/30/	2019 00.00 -	12/01/20	719 00.0
Position	Name		Affiliation	reisumei	Contact	Number(s)	Work S	hift
Recovery & Protection Branch Director	Harbor,	Clean		rs Environmental	Comaci	Number(s)	VVOIKS	· · · · · · · · · · · · · · · · · · ·
Supervisor	Jefferso OEM	ne County						
	1		Resources	Required	1		1	
Area Of Operation		Resource K		Description		0	uantity	Size
Security Group		Vehicle		Security Vehicle			t each	
Security Group		Security Gua	ard	Law Enforceme			each	
Joseph J. C.		Toolarity Gal	Assign	1		1.,		
Naction access to offer to		d words are as					tional no	ما ما
Restrict access to affecte	ed areas an					ng triis opera	ıtıonai per	100.
		Special	Site-Specific S	Safety Consideration:	5			
CS 204 - Assignment L	ist					Updated 11/2	3/2019 18:2	3 UTC -6
CS 204 - Assignment L		Printed 11/29/2019	19:02 IITC 6:00	9 of 26		Updated 11/29	9/2019 18:2	3 UTC -€ ⊚ T

ICS 204 - Assignme	nt List			Group: Fire \$	Suppression Group
Incident Name: South 4 0	Group Fire		Period: Period	d 2 [11/30/2019 06:00 -	12/01/2019 06:00]
		Operations Pers	sonnel		
Position	Name	Affiliation		Contact Number(s)	Work Shift
Recovery & Protection Branch Director	Harbor, Clean	Clean Harbors Er Service Inc. (CHE			
Fire Suppression Supervisor	Holley, Chad	TPC Group			
Fire Suppression Group Supervisor	Williams, James	TPC Group			

	i i		ı					
	Resources Required							
Area Of Operation	Resource Kind	Description	Quantity	Size				
Fire Suppression Group	Fire Monitor	Fire Monitor	4 each					
Fire Suppression Group	Vehicle: Fire Engine	Pumper Truck	2 each					
Fire Suppression Group	Fire Fighters	Fire Fighters	25 each					
Fire Suppression Group	Fire Pumps	Fire Pumps	4 each	cubic feet/min ute				
Fire Suppression Group	Vehicle: Fire Engine	Ladder Truck (Tower)	2 each					
Fire Suppression Group	Decon Trailer	Decon Trailer	1 each	feet				
Fire Suppression Group	Trailer	Person Rehab Trailer	1 each	feet				
Fire Suppression Group	Fire Fighting Foam	Vapor Suppression Foam	6 gallon(s)					

Assignments

Conduct response activities per the Facility Response Plan.

Consider wind speed, direction and heading to manage smoke.

Implement IR thermal imaging via UAS to determine source and extent of fire. Coordinate with personnel blocking valve(s) and controling source(s). Determine the condition to isolate the source(s).

Establish ingress. Maintain the established primary and secondary boundaries and rally point at the site.

Evaluate use of foam as a proactive tactic for vapor and/or fire suppression.

Utilize 6 manned/unmanned fire monitors and other resources to apply water/foam to extinguish fire. Upon extinguishment of fire, continue applying water to the site and adjacent areas to ensure cooling and prevent re-ignition.

Coordinate decontamination needs of the affected area, personnel and equipment.

Continue to utilize available portable fire pumps and fire apparatus to assist firefighting efforts.

Special Instructions

Use proper PPE and maintain communications at all times.

	Communications
Name / Function	Contact Details
Safety / Safety	Safety 1
Multi Agency Radio /	Multi Agency Radio 4
	Special Site Specific Safety Considerations

Special Site-Specific Safety Considerations

Wear full bunker gear with SCBA. Stay up wind of the smoke plume. Maintain visual on the fire.

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ICS 204 - Assignment List			Updated 11/29/2019 18:24 UTC -6:00

ICS 204 - Assignme	CS 204 - Assignment List			Group: Air Monitoring Group			
Incident Name: South 4 0	Group Fire		Period: Per	iod 2 [11/30/2019 06:00 -	12/01/20	19 06:00]	
		Operations P	ersonnel				
Position	Name	Affiliation		Contact Number(s)	Work S	hift	
Recovery & Protection Branch Director	Harbor, Clean	Clean Harbors Service Inc. (C					
Supervisor	Gilliam, Chance	CTEH		(b) (6)			
		Resources R	Required				
Avec Of Operation	D	I/: al	December			Toine	

Area Of Operation	Resource Kind	Description	Quantity	Size
Air Monitoring Group	Equipment: Safety	Benzen Tubes	10 each	
Air Monitoring Group	Pickup Truck	Pickup Truck	10 each	
Air Monitoring Group	Air Monitor - MultiRAE	Air Monitor - MultiRAE	8 each	
Air Monitoring Group	Air Monitor - UltraRAE	Air Monitor - UltraRAE	8 each	
Air Monitoring Group	Air Monitoring Technician	Air Monitoring Technician	14 each	
Air Monitoring Group	Equipment: Safety	Butadiene Tubes	10 each	

Assignments

All Air Monitoring activities are to be conducted in accordance with the Air Monitoring Plan.

For all areas as directed for both day and night shift as safe to do so. Continuous and roving detecting air gas monitoring to be conducted by trained gas testing personnel using multi-gas monitors.

Ambient air sampling will continue in the 4-mile radius area as it has since the incident began. Technicians will shift to any areas where sampling results indicate elevated results.

Water sampling will continue with the locations established on 11/28. Ambient air sampling technicians will accompany any boat crews as sampling is performed.

Conduct real-time air monitoring with off-site and on-site air monitoring stations in order to monitor the community and personnel with MultiRAEs and AreaRAEs. AreaRAE units will be deployed at fixed locations and readings will be monitored in a centralized location by the Air Monitoring Group to allow for rapid recognition, communication and response to changing conditions.

Ensure future deployment locations are established based on plume projections.

Report to Safety and Operations on established schedule except for action level exceedances which should be reported immediately.

If sustained detections of readings are observed, personnel will be instructed to deploy to site to confirm the detection with a secondary hand held real time instrument. Monitor changing environmental conditions and notify operations supervisors of any unsafe conditions. Data managers onsite will provide data summaries and support.

Special Instructions

Use proper PPE. Report any changes to operation section.

		ions

Name / Function	Contact Details
Safety / Safety	Safety 1
Multi Agency Radio	Multi Agency Radio 4

Special Site-Specific Safety Considerations

Wear SCBA while in the hot zone. Stay out of smoke plume Leave area with high readings.

ICS 204 - Assignment List			Updated 11/29/2019 18:25 UTC -6:00
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Protection GroupBoomBoom2500 feetinProtection GroupSpill TechSpill Tech6 eachProtection GroupResponse BoatResponse Boat1 eachfee	Incident Name: South 4.0	ent List				Gro	up: Protect	ion Grou
Recovery & Protection Branch Director Garritt, Rickie Clean Harbors Environmental Service Inc. (CHES) Recovery & Protection Branch Director Garritt, Rickie Clean Harbors Environmental Service Inc. (CHES) Recovery & Protection Blanchard, Cory (Clean Branch Director Inc. (CHES) Recovery & Protection Branch Director Resources Required Area Of Operation Resource Kind Description Quantity Size Service Inc. (CHES) Resources Required Area Of Operation Resource Kind Description Quantity Size Protection Group Boom Boom 2500 feet in Protection Group Response Boat Response Boat 1 each fee Protection Group Boat Jon Boat 2 each fee Protection Group Boat Jon Boat 2 each fee Protection Group Boat Jon Boat 2 each fee Protection Group Response Boat Response Boat 1 each fee Protection Group Boat Jon Boat Description Group Response Boat Response Boat 1 each fee Protection Group Boat Jon Boat 2 each fee Protection Group Boat Jon Boat Description Group Response Boat Response Boat Signments Recovery & Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Under Description Group Response Boat Response Boat Signments Recovery & Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Under Description Group Response Boat Response Boat Signments Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be direction from Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-stage boom at designated sites for rapid field deployment as necessary. Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director. Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director. Dead or impacted wildlife should be immediatly reported documented, location noted and po	moluent Name. South 4 C	Group Fire			Period: Per	iod 2 [11/30/2019 06:00	- 12/01/20	19 06:0
Recovery & Protection Branch Director Supervisor Garritt, Rickie Clean Harbors Environmental Service Inc. (CHES) Recovery & Protection Branch Director Recovery & Protection Branch Director Resource Kind Protection Group Boom Boom Boom Boom Boom Boom Protection Group Response Boat Response Boat Response Boat Recovery & Protection Branch is made up of personnel from Clean Harbors Subcontractor = Resolute Environmental Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be immediatly reported to the Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-stag boom at designated sites for rapid field deployment as necessary. Any ineffective strategies or boom failures will be immediatly reported documented, location noted and possibly collected as evidence. Special Instructions Name / Function Kennet / Function Contact Details Contact Details Contact Details Contact Details Clean Harbors Environmental Borvironmental Service Inc. (CHES) Clean Harbors Davironmental Spill trajectories will be immediated. Communications Contact Details Communications Contact Details				Operations	s Personnel			
Branch Director Supervisor Garritt, Rickie Clean Harbors Environmental Service Inc. (CHES) Recovery & Protection Branch Director Resources Required Area Of Operation Protection Group Response Boat Protection Group Response Boat Response Boat Response Boat Recovery & Protection Branch is made up of personnel from Clean Harbors Subcontractor = Resolute Environmental Maintain: Contract break gires or boom failures will be immediately reported to the Recovery & Protection Branch Director. Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director. Special Instructions Vamily (Siz.) Resources Required Area Of Operation Resource Kind Description Quantity Siz. Resources Required Aperotection Group Boom B	Position	Name		Affiliation		Contact Number(s	Work S	hift
Service Inc. (CHES) Service Inc. (CHES) Service Inc. (CHES)		Harbor, Clean						
Resource Required Resource Kind Description Quantity Size Protection Group Boom Boom Boom 2500 feet in	Supervisor	Garritt, Rickie				(b) (6)		
Area Of Operation Resource Kind Description Quantity Size Protection Group Boom Boom 2500 feet in Protection Group Spill Tech Spill Tech Spill Tech 6 each Protection Group Response Boat Response Boat 1 each fee Protection Group Jon Boat Jon Boat 2 each fee Assignments Recovery & Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Subcontractor = Resolute Environmental Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be identified upon assessment. Conduct boom maintenance (inspect and/or replace) and assist with waterway booming per direction from Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-stage boom at designated sites for rapid field deployment as necessary. Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director. Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director. Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence. Special Instructions Proper PPE and PFDs while working within 3' of water. Communications Name / Function Contact Details			y (Clean					
Protection Group Boom Boom 2500 feet in Protection Group Spill Tech Spill Tech Spill Tech 6 each Protection Group Response Boat Response Boat 1 each fee Protection Group Jon Boat Jon Boat 2 each fee Protection Group Jon Boat Jon Boat 2 each fee Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Subcontractor = Resolute Environmental Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be identified upon assessment. Conduct boom maintenance (inspect and/or replace) and assist with waterway booming per direction from Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-stage boom at designated sites for rapid field deployment as necessary. Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director. Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest saferae. Communicate changes in conditions with Branch Director. Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence. Special Instructions Proper PPE and PFDs while working within 3' of water. Communications Name / Function Contact Details				Resource:	s Required			
Protection Group Spill Tech Spill Tech Geach Protection Group Response Boat Response Boat 1 each fee Protection Group Jon Boat Jon Boat 2 each fee ### Assignments Recovery & Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Subcontractor = Resolute Environmental #### Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be identified upon assessment. Conduct boom maintenance (inspect and/or replace) and assist with waterway booming per direction from Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-stage boom at designated sites for rapid field deployment as necessary. Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director. Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest saferae. Communicate changes in conditions with Branch Director. Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence. **Special Instructions** Proper PPE and PFDs while working within 3' of water. **Communications** **Response Boat	Area Of Operation	Reso	urce Kin	d	Description		Quantity	Size
Protection Group Response Boat Response Boat 1 each fee Protection Group Jon Boat Jon Boat 2 each fee ### Assignments Recovery & Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Subcontractor = Resolute Environmental Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be identified upon assessment. Conduct boom maintenance (inspect and/or replace) and assist with waterway booming per direction from Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-state boom at designated sites for rapid field deployment as necessary. Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director. Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest saferae. Communicate changes in conditions with Branch Director. Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence. **Special Instructions** Proper PPE and PFDs while working within 3' of water. **Communications** **Mame / Function** **Communications**	Protection Group	Boom			Boom		2500 feet	in
Protection Group Jon Boat Jon Boat Assignments Recovery & Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Subcontractor = Resolute Environmental Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be identified upon assessment. Conduct boom maintenance (inspect and/or replace) and assist with waterway booming per direction from Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-stage boom at designated sites for rapid field deployment as necessary. Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director. Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest saferae. Communicate changes in conditions with Branch Director. Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence. Special Instructions Proper PPE and PFDs while working within 3' of water. Communications Name / Function Contact Details	Protection Group	Spill 7	ech		Spill Tech	(each	
Recovery & Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Subcontractor = Resolute Environmental Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be identified upon assessment. Conduct boom maintenance (inspect and/or replace) and assist with waterway booming per direction from Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-stage boom at designated sites for rapid field deployment as necessary. Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director. Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safarea. Communicate changes in conditions with Branch Director. Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence. Special Instructions Proper PPE and PFDs while working within 3' of water. Communications Name / Function Contact Details	Protection Group	Respo	onse Boa	ıt	Response Bo	at	1 each	feet
Recovery & Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Subcontractor = Resolute Environmental Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be identified upon assessment. Conduct boom maintenance (inspect and/or replace) and assist with waterway booming per direction from Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-stage boom at designated sites for rapid field deployment as necessary. Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director. Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safarea. Communicate changes in conditions with Branch Director. Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence. Special Instructions Proper PPE and PFDs while working within 3' of water. Communications Name / Function Contact Details	Protection Group	Jon B	oat		Jon Boat		2 each	feet
Recovery & Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Subcontractor = Resolute Environmental Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be identified upon assessment. Conduct boom maintenance (inspect and/or replace) and assist with waterway booming per direction from Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-stage boom at designated sites for rapid field deployment as necessary. Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director. Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safarea. Communicate changes in conditions with Branch Director. Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence. Special Instructions Proper PPE and PFDs while working within 3' of water. Communications Name / Function Contact Details				Assigi	nments	-		
Communications Name / Function Contact Details		a i lotection Dian					ooming pe	r
Name / Function Contact Details	boom at designated sites Any ineffective strategies Be aware of weather con area. Communicate chan	s for rapid field dep s or boom failures astraints and adjus ages in conditions	ch Directo bloyment will be im accordi with Brar	or. Monitor be as necessar nmediately re ngly. If weath nch Director. orted docume	oom integrity during ny. ported to the Recove ner deteriorates to an ented, location noted	ight operations if safe to ry & Protection Branch unsafe condition proced	ooming pe o do so. Pr Director. ed to neare	er e-stage est safe
	boom at designated sites Any ineffective strategies Be aware of weather con area. Communicate chan Dead or impacted wildlife	s for rapid field dep s or boom failures estraints and adjus nges in conditions e should be immed	ch Directo bloyment will be im at accordi with Brar diatly repo	or. Monitor be as necessary mediately re ngly. If weath nch Director. orted docume Special In	oom integrity during ny. ported to the Recove ner deteriorates to an ented, location noted	ight operations if safe to ry & Protection Branch unsafe condition proced	ooming pe o do so. Pr Director. ed to neare	er e-stage est safe
Safety / Safety Safety 1	boom at designated sites Any ineffective strategies Be aware of weather con area. Communicate chan Dead or impacted wildlife	s for rapid field dep s or boom failures estraints and adjus nges in conditions e should be immed	ch Directo bloyment will be im at accordi with Brar diatly repo	or. Monitor be as necessary nmediately re ngly. If weath nch Director. orted docume Special In	oom integrity during ny. ported to the Recove ner deteriorates to an ented, location noted astructions	ight operations if safe to ry & Protection Branch unsafe condition proced	ooming pe o do so. Pr Director. ed to neare	er e-stage est safe
	boom at designated sites Any ineffective strategies Be aware of weather con area. Communicate chan Dead or impacted wildlife Proper PPE and PFDs w	s for rapid field dep s or boom failures estraints and adjus nges in conditions e should be immed	ch Directo bloyment will be im at accordi with Bran diatly repo	or. Monitor be as necessary mediately re ngly. If weath nch Director. orted docume Special Inter. Communication.	oom integrity during ny. ported to the Recove ner deteriorates to an ented, location noted astructions	ight operations if safe to ry & Protection Branch unsafe condition proced	ooming pe o do so. Pr Director. ed to neare	er e-stage est safe
Special Site-Specific Safety Considerations	boom at designated sites Any ineffective strategies Be aware of weather con area. Communicate chan Dead or impacted wildlife Proper PPE and PFDs w Name / Function	s for rapid field dep s or boom failures estraints and adjus nges in conditions e should be immed	ch Directed bloyment will be im according with Brandiatly report 3' of wa	or. Monitor be as necessary mediately re ngly. If weath nch Director. orted docume Special Inter. Communict Details	oom integrity during ny. ported to the Recove ner deteriorates to an ented, location noted astructions	ight operations if safe to ry & Protection Branch unsafe condition proced	ooming pe o do so. Pr Director. ed to neare	er e-stage est safe

ICS 204 - Assignment List			Updated 11/28/2019 17:24 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 11/29/2019 19:03 UTC -6:00	13 of 26	© TRG

Incident Name: South 4 G	roup Fire	Period: Peri	od 2 [11/30/2019 06:00 -	12/01/2019 06:00]
		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Doggyony & Drotoction	Harbor Cloop	Clean Harbore Environmental		

Group: Recovery Group

Recovery & Protection Branch Director Product Recovery Group Garritt, Rickie Clean Harbors Environmental Service Inc. (CHES) Clean Harbors Environmental (b) (6)			Operations Personnel		
Branch Director Service Inc. (CHES) Product Recovery Group Garritt, Rickie Clean Harbors Environmental (b) (6)	Position	Name	Affiliation	Contact Number(s)	Work Shift
		Harbor, Clean			
		Garritt, Rickie		(b) (6)	

	Resources Required									
Area Of Operation	Resource Kind	Description	Quantity	Size						
Recovery Group	Boom	Boom	2500 feet	in						
Recovery Group	Vacuum Truck	Vacuum Truck	4 each	barrel (s)						
Recovery Group	Jon Boat	Jon Boat	7 each	feet						
Recovery Group	Response Boat	Response Boat	3 each	feet						
Recovery Group	UTV	UTV	2 each							
Recovery Group	Pumps	6" Transfer Pump	1 each							
Recovery Group	Construction Materials/Supply	Equipment mats	70 each							
Recovery Group	Fork Lift	Fork Lift	1 each							
Recovery Group	Sorbent: Boom	Sorbent: Boom	2500 feet	inch (es)						
Recovery Group	Skimmer	Drum Skimmer	18 each	barrel (s)/day						
Recovery Group	Wash Pump	2" Wash Pump	16 each	cubic feet/min ute						
Recovery Group	Spill Tech	Spill Tech	47 each							
Recovery Group	Light Plants	Light Plants	1 each							

Assignments

Product Recovery is made up of Clean Harbors and Resolute Environmental personnel.

Product Recovery response teams will contain and recover heaviest concentrations of free-floating product. Coordinating with skimmer operations to focus on heaviest concentrations of product.

- 201 Outfall Vactruck
- Pine St. Debris removal

ICS 204 - Assignment List

- Orchard Ave. -Vactruck and debris removal

A debris removal task force will work up and down the canal to recover debris, bag up and transport to dispsol area.

Perform continuous air monitoring and communicate changes in environmental conditions with Group Supervisor. Anticipate movement of the spill based on trajectory.

Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.

Offload recovered product to storage assets as needed. Follow Disposal Plan and coordinate with Disposal Group Supervisor as required.

Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.

Report all wildlife impacts to supervisor immediately.

ICS 204 - Assignment Lis	it		Group: Recovery Group
Incident Name: South 4 Group F	Fire	Period: Period 2 [11/30	0/2019 06:00 - 12/01/2019 06:00]
	Commu	nications	
Name / Function	Contact Details		
Safety / Safety	Safety 1		
	Special Equipment / Suppl	lies Needed for Assignment	
Dip nets for debris removal			
	Special Site-Specific	Safety Considerations	
Maintain awareness of surround event of bad weather.	lings with wildlife in and around t	he water. Monitor weather condi	tions and seek shelter in the
ICS 204 - Assignment List			Updated 11/28/2019 18:02 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 11/29/2019 19:03 UTC -6:00	15 of 26	© TRG

Incident Name: South 4 G	Group Fire			Period: Perio	od 2 [11/30	/2019 06:00 -	12/01/20	19 06:00	
			Operation:	s Personnel	-				
Position	Name		Affiliation		Contact	: Number(s)	Work S	Work Shift	
Recovery & Protection Branch Director	Harbor,	Clean	Clean Harbo Service Inc.	ors Environmental (CHES)	••••••				
Recovery & Protection Branch Director	Clean H	larbors							
			Resource	s Required					
Area Of Operation Resou			Kind	Description		Q	uantity	Size	
Disposal Group Frac Ta				Frac Tank		32	2 each	bbls	
Disposal Group Roll Of				Roll Off		12	2 each	feet	
Disposal Group Manpo			Responder	Waste Special	ist	3 (each		
			Assig	nments					
		orbents, ppe, o	debris)						
-Recyclables	al trash)		Special Ir	nstructions nications					
-Recyclables Use PPE and PFD within	al trash)	r.	Special Ir						
Recyclables Use PPE and PFD within Name / Function	al trash)	r.	Special Ir Commu						
Recyclables Use PPE and PFD within Name / Function	al trash)	r. <i>Cor</i> Safe	Special In Communitact Details ety 1	nications	ıs				
-Recyclables Use PPE and PFD within Name / Function Safety / Safety	al trash) 3' of wate	r. Cor Safe Specia	Special In Communitact Details ety 1 I Site-Specific	nications Safety Consideration	15				
-Recyclables Use PPE and PFD within Name / Function Safety / Safety	al trash) 3' of wate	r. Cor Safe Specia	Special In Communitact Details ety 1 I Site-Specific	nications Safety Consideration	15				
-Non-Oiled Solids (general-Recyclables Use PPE and PFD within Name / Function Safety / Safety Maintain awareness of su	al trash) 3' of wate	r. Cor Safe Specia	Special In Communitact Details ety 1 I Site-Specific	nications Safety Consideration per labeling of waste		Jpdated 11/29/20	019 18:27 U	TC -6:00	

ICS 206 - Medical Plan									Version	ı Na	me: P	eriod 2	
Incident Name: South 4 (Group Fire			F	Period: Pe	erio	d 2 [11/30.	/201	9 06:00 - 1	2/01	/2019	9 06:00]	
			Medica	I Aid Station	S								
Name	- 44	Locatio		Paramedi On Site			On Site				Ré	Radio	
Medical Resources - Gat		<u> </u>	1087, -93.946737			<u> </u>	x						
Ambulance Service	I Fa		tation (Ground a	ina/or Air An		· 56	ervices)		Dodio	—	A :	1446	
Acadian Ambulance - Port Arthur (409-980-7740)		Location Port A	rthur, TX		Phone Ph1: 409-980-7740						Air	ALS	
Beaumont EMS		Beaun	nont, TX		Ph1: 40	9-8	80-3901		155.340		П	x	
Southeast Texas Air Rescue			·········										
			H	ospitals								•	
Hospital	Location		Phone	Radio	Air Trav Time	el	Ground Travel Ti		Trauma Center	Hel	ipad	Burn Center	
UTMB Galveston	301 Univers Blvd Galveston, 77755 29.312199, -94.77902								_	X		x	
The Medical Center Of Southeast Texas	2555 Jimmy Johnson Blvd Port Arthur, TX 77640 29.934952, -93.985008		409-853-5900						IV	X			
Baptist Beaumont Hospital	3080 Colleg Street Beaumont, 77701 30.068474, -94.120255	TX	409-212-5012						III	X			
Christus Southeast Texas- St Elizabeth	2830 Calde Avenue Beaumont, 77702 30.085583, -94.131699	TX	409-892-7171						II	X			
ICS 206 - Medical Plan							P Support, L	Ipdate	ed 11/29/201	9 14:4	45 UTC		
INCIDENT ACTION PLAN SOFT\	WARE™ Prin	ted 11/29	/2019 19:03 UTC -6:00		17 of 2	6						© TRG	

Special Medical Emergency Procedures

Medic Unit at gate 44 is dedicated to incident only

Acadian AirMed 21, dedicated to this incident, is stationed at Groves Fire Department. Any patients needing helicopter transport will be transported by ground to that location. Acadian Dispatch must be contacted to verify whether aircraft can fly before patient is transported. 409-980-7740.

911 ops not impacted by incident, call 911 for medical response as normal

Contact Info:

EMS Group Supervisor: Eddie Burleigh 337-278-1268 Acadian Ambulance - Port Arthur (409-980-7740)

EMS Deputy Group Supervisor: Monica Birdsong 409-201-9403 Acadian Ambulance - Port Arthur (409-980-7740)

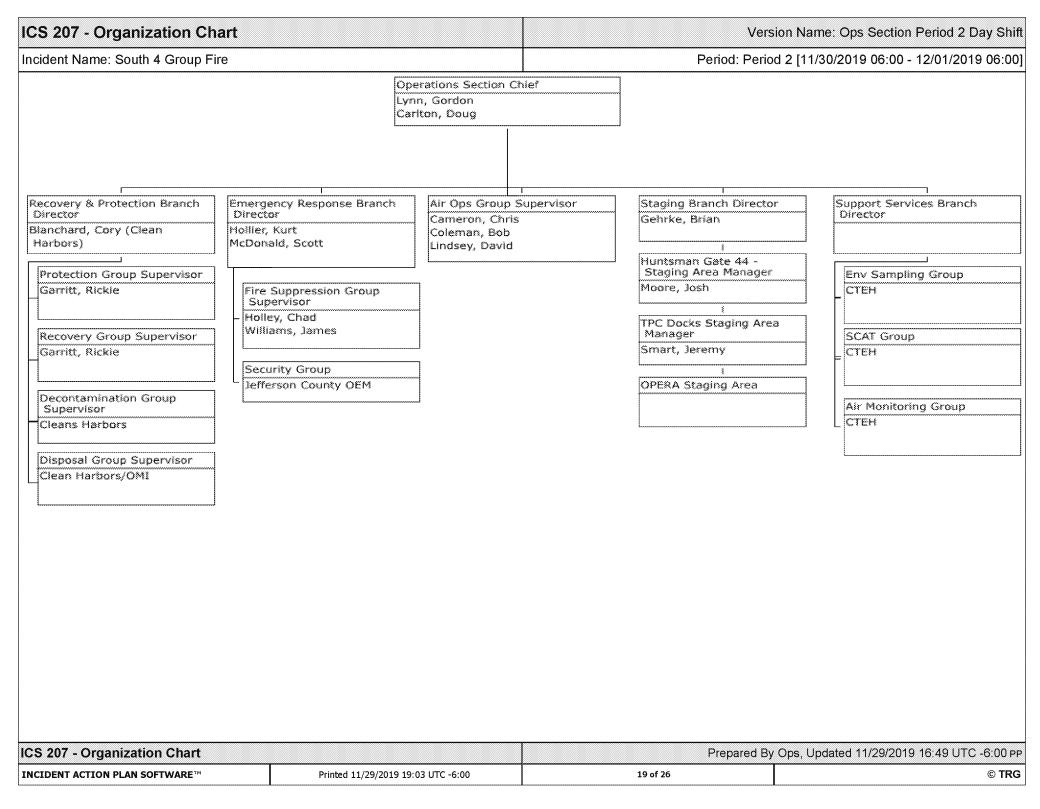
EMS Deputy Group Supervisor: Andrew Tucker (b) (6) Acadian Ambulance - Port Arthur (409-980-7740)

EMERGENCY MEDICAL PROCEDURES

In the event of a medical emergency provide the following information to the Communications Unit.

- 1. Declare the nature of the emergency.
 - Medical injury/illness?
 - If injury/illness, is it Life Threatening?
- 2. If Life Threatening, then request that the designated frequency be cleared for emergency traffic.
- 3. Identify the on-scene Point of Contact (POC) by Resource and Last name.
- 4. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates).
- 5. Identify on-scene medical personnel by position and name.
- 6. Identify preferred method of patient transport.
- 7. Request any additional resources and/or equipment needed.
- 8. Document all information received and transmitted on the radio or phone.
- Identify any changes in the on-scene Point of Contact or medical personnel as they occur.

1	NCIDENT ACTION PLAN SOFTWARE™	Printed 11/29/2019 19:03 UTC -6:00	18 of 26	© TRG
1	CS 206 - Medical Plan		Prepared By IAP Support,	Jpdated 11/29/2019 14:45 UTC -6:00 PP



ICS	3 208 - Site Safi	ety Plan				Version Name: 11/26	719-Site Safety Plan
noi	dert Name, South	4 Group Fire		Pe	nod: Initial Respons	se [11/29/2019:06:00	- 11/30/2019 06 00
			Tra	ining			
×	Verified site work regulatory requir	kers trained per local/fe ements	derai Training Requiren	nents		ncy Response Trainir	ng
			Organ	iizatii	on		
	ttor	Name	Teleutione/Radio	Pos		Name	(ID) (C)
	tent Commander	McDonald, Scott	b) (6)	Ope Chie	rations Section if	Lynn, Gordon	(D) (b)
Sate	N Officer	Office Chasy	b) (6)				
			Emerge	ncy I	Plan		
	Fire Prevention I	100	Evacuation Plan	1			
	Alami System	x	First Aid Locatio				
	-		Notifi	catio			
	Facility		Phone		Facility	1	Phone
<u> </u>		Medical Center of SETX	409-853-5900	x	Fire	Port Neches Fire Department	409-853-5900
×	Ambulance	Acadian EMS	800-259-1111		Law Enforcement		
X	Air Ambulance	Southeast Texas Ai Rescue			Emergency Response/Rescu		
			Initial	06	le 		
		fing prepared for each s		onen	ny		
			Attachment	/ 8	and an		
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	Mulle						
	208 - Site Safety P DENT ACTION PLAN SOF		119 19:21 UTC -6:00	Pre	ered By Planning Plant 1 of 3 20 of 26	anning, Updated 11/28/	2019 19:01 UTC -6.PP ⊕ TRG

ics:	208 -	Site Safety Plan					Ver	sion N	ame	11/28/2019 1	PC Staging Update
hode	πNa	the South 4 Group Fire				Period					0 - 11/30/2019 06 00
Apple	is to S	ter Staging - Gate 15						P			
				*******	Site Chara	ir tariyatir					
Water			Land				" Veather				
Wave	Heig	ht	Land Use				Vir Tem		70 F	abrenheit	
Speed	1						Vind Sp		15 m		
Direct	llon						Direction		NNE		
				***********	Site H	azards					
Yes	No	Hazards	Yes	No	Hazards	*******		Yes	No	Hazards	
	X	Boat Safety	x	П	Fire, Expl Burning	osion, In-s	itu	×		Pump Hose	
X		Chemical Hazards	X		Heat Stre	98		x		Slips, Trips,	and Falls
	X	Cold Stress		X	Helicopter	r Operation	15	x		Steam and F	
	X	Confined Spaces		X	Lifting		***************************************		x	Trenching/E.	xcavation
	X	Drum Handling	X		Motor Vel	nicles			х	UV Radiation	1
X		Equipment Operations	x		Noise			x		Visibility	
	X	Electrical Operations		X	Overhead	/Buried Ut	ilities		X	Weather	
X		Fatigue	X		Plants/Wil	ldife			[x]	Work Near V	Vater
					Air Monito	ring Limit	'S				
Oxyge	en Le	/el	1,3-	Buta	diene	0	.5ppm 5	min N	itroge	n Dioxide	0.2ppm 5 min
LEL		1%	1 min But	ane		5	00ppm (5min P	articul	ate Matter	351ug/m3 5 min
Hydro	gen (Sulfide	Car	bon [) oxide		5000pp	m 5 min	otal V	OC .	5ppm 5min
Berz			Car	oon N	Monoxide		25ppm !	min			
Vial	Hydro	Cartons	LEL	ACT	ION		5% 1	min			
					Engineerin	ig Control	S.				
	÷	ce of release secured			e(s) closed			О	Energ	y sources loc	ked/tagged out
×	Sie	Sec Otted	X	Facil	ity shut dow	m .					
					Protective	Equipmen	it Requi	red			
	4	(Vous suit			hals			X	Boots		
	*	gloves			rators			X	SCBA	v - Fresh Air	
×	************	rgioves			protection						
×		e escant dotting			onal flotation						
7					I Control M	easures £	stablis	hed			
×		ontamination tation			ination				Additi	onal stations (established
				Medi	cal surveilla			X	Facilit	ies provided	
	Воо		T m		Work	Plan					
	••••••	iniy iming			vation				Hot w		
m	•••••••				y equipmen ent pads	11			Appro	priate permits	used
		ping		Pald							
	*				- 19						
		Site Safety Plan				Prepared		rio Fla		Jacobson 19828	2010 19.48 CTC 6 9
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ICS 208 - Site Saf	ety Plan				Version	Name: 11/28/2019- Ti	² C Staging Update
Incident Name, South	4 Group Fire			Per	od Initial Respo	onse [11/29/2019-06:00) - 11/30/2019 06 0
			Tra	ining			
▼ Verified site wor regulatory requir	kers trained per loca ements	al/feder	Pl Training Requires	nents	Annual Emerg	ency Response Trainir	ng
			Orgar	vizatic	ın		
Position	Name	Telephone/Radio			tion	Name	Telephone/Radio
Incident Commander	McDonald, Scott			Ope Chie	ations Section f	Lynn, Gordon	(b) (6)
Safety Officer	Clifton, Chrissy						
			Emerge	ncy F	lan		
Fire Prevention	Plan	X E	Vacuation Plan	1			
Aam System		x F	irst Aid Locatio	n			
			Notifi	cation	ıs		
Facility		Ţ,	Phone		Facility		Phone
x Hospital	Medical Center SETX		09-853-5900	X	Fire	Port Neches Fire Department	409-853-5900
<u>x</u> Ambulance	Acadian Ambul	ance (E	300-259-1111		Law Enforcement		
X Air Ambulance	Southeast Texa Rescue	ıs Air			Emergency Response/Res	cu	
			Initial	Ariefi	30	l l	
	-						
TPC EOC	Manager		MH,	Ü,	6		
ICS 208 - Site Safety	Plan					Planning, Updated 11/26/	2010 1948 UTC 4844
INCIDENT ACTION PLANS	OFTWARE * Printed 1	1/28/2019	19:51 UTC -6:00		22 of 26		g TRG

V52	08 -	Site Safety Plan						V	(ersion	Name 11/28/	19-Site Safety Plai
ncide	n Nar	ne: South 4 Group Fire				Period	Initial Re	spons	e [11/2	9/2019/06/00 -	11/30/2019 06:00
Applie	s to S	te Onste									
					Site Chara	icterizatio)//				
Nater		Lan	d			١	Weather				
Nave	•	^{tt} Lan	d Use			,	Air Temp)	72 Fa	hrenheit	
Эреес						1	Wind Sp	eed	15 mp	oh .	
Direct	100					I	Direction	1	NNE		
Yes		11	T			lazards					
163	No X	Hazards Boat Safety	Yes	No	Hazards			Yes	No	Hazards	
X		Chemical Hazards	×		Heat Stre	******************		X		Steam and Ho	
	X	Cold Stress		X		r Operatio	ons		X	Trenching/Exc	cavation
	×	Confined Spaces	X X		Lifting Motor Ve	ki oloo			X	UV Radiation	
	X	Drum Handling		Ш	Noise	nues		X		Visibility Weather	
X		Equipment Operations	X	Ō		d/Buried U	Hilitiac	X		Work Near W	otar
	X	Electrical Operations	X		Plants/W			x x		Nuclear Sour	
X		Fatique	X		Pump Ho				Lund		
X		Fire Explosion In-situ	×			ps, and Fa	alls				
		Burning	<u> </u>		· ·	`					
				*************	Air Monit						
Oxyg	en Le	vel	13	-Buta	diene		0.5ppm !	5 min	Nitroge	in Dioxide	0.2ppm 5 min
LEL		1% 1	min But	ane			500pj	om 5 min	Particu	late Matter	351ug/m3 5
Hodr	nnen !	Sulfide	Ca	bon f	Dioxide		5000p		Total V	/OCs	0.5ppm 5
	· 9 · · ·	~~···						min			min
Bonz	ene	0.5ppm 5	min Ca	bon I	Voncxide		25ppm				
Total	Hydri	carbons	LE	(act	ion)		5%	1 min			
					Engineer	ing Contr	ro/s				
	Sou	rce of release secured			e(s) closer				Ener	gy sources loc	ked/tagged out
X	Site	secured			lity shut do			1			
			Per	onal	Protective	e Equipm	ent Reg	uired			
	imp	yrvious suit	X	·	i hats			×	Boot		
		r gloves	×	·	pirators			X		ker Gear	
×		r gloves	X		protection			X	SCE	IA - Fresh Air	
×	Flan	re resistant Cothing			conal flotat			1			
					al Control	Measure	s Establ				
×		ontamination	<u> </u>		ination			4		itional stations	established
L×.	San	tatori		Med	lical survei			<u>IX</u>	Fac	illies provided	
1						rk Plan		1			
-	- IRan	ming		4	avation					work	
×			l X	mea	vy equipm	ROTTE			I JAPP	ropriale permi	N USEU
	Skir	nming •			a mand an arake						
* · · · · · · · · · · · · · · · · · · ·	Skir	aming trucks nping			bent pads ching						

ICS 208 - Site S	atety Plan								ne. Saging Gale #6				
Incident Name: So:	th 4 Group Fire			Period	I Initial Re	spons	e [11/2	9/2019 06:00	11/30/2019 06:00				
Applies to Sile. Sta	ging - Gale b												
				Site Characteriza	tion								
Water	La	ind			Weather								
Wave Height			Air Temp)	72 Fa	hrenheit							
Speed					Wind Sp	eed	15 m	7 11					
Direction					Direction	1	NNE						
				Site Hazards									
Yes No Hazaro	ls.	Yes	No	Hazards		Yes	No	Hazards					
□ x BoarS		x		Fire, Explosion, I	ı-situ	X		Pump Hose					
				Burning		,	ļ.,	Slips, Trips.	and Falls				
∑ Chemi	al Hazards	X		Heat Stress		X							
X CodS	ress		×	Helicopter Opera	ions	×		Steam and Hot Water Trenching/Excavation					
□ X Confin	ed Spaces		X	Lifting		Ш	×						
x Drum h	landing	x	О	Motor Vehicles			X	UV Radiatio	n				
x Equipi	ent Operations	X	О	Noise		X	<u> </u>	Visibility					
	al Operations		x	Overhead/Buried	Utilities	Ш	X	Weather					
— Fatigue		x		Plants/Wildlife			X	Work Near	Mater				
				Air Monitoring Lie	nits								
Oxygen Level		1.3-	Butar	diene	0.Sppm.S	mn	illroge	n Dioxide	0.2ppm 5 min				
EL 1% 1 min			ane		500ppm 5mm Parti			rticulate Matter 35					
lydrogen Sulfide		Car	bon C	Jioxide	5000pp	m 5	lotal V	OC	5ppm 5min				
						771							
serizene		Carl	bon N	/onoxide	25ppm								
gal Hydrocarbons		LEL	ACT	ION	5%	000							
				Engineering Cont	rois								
Source of rele		TO	Valve	(c) closed			Ener	gy sources in	cked/tagged out				
x Site secured		X	Facili	ry shul down									
A 0.15 3000 0000			mali	Protective Equips	nont Requ	ree.							
			Hard			T X	Boot						
Impervious su				irators		×	SCB	A - Fresh Air	(as needed)				
inner gloves				protection									
▼ Outer gloves		8		rai fictation									
Flame resistar	ticlothing	- 1 i		Control Measure	e Felshill								
								englistations	established				
Decontaminal	ion	8 5553		nation				ties provided					
x Santation			Medi	cal surveillance									
				Work Plan				roris					
Booming				valida				prate comit	Sused				
Skinning		×		y equipment									
Vac trucks			Paid	ant pads									
Pumping		I L											
CS 208 - Site Sat									C TRO				
INCIDENT ACTION PL	ULSOFTWARE	est cureos	19 20 1		24 of 2								

ICS 208 - Site Sat	ety Plan				Version Nan	re: Staging Gate #6						
Incident Name: South	4 Group Fire		Per	Period: Initial Response [11/29/2019 06:00 - 11/30/2019 06:00]								
		·····	ining									
X Verified site wor regulatory require	kers trained per local/fe ements	deral Training Requires		Annual Emerger	icy Response Trainin	g						
		····	nizatio	in								
Position		Telephone/Radio	Posi		Name	Telephone/Radi						
	ncident Commander McDonald, Scott		Ope Chie	rations Section f	Lynn, Gordon	(b) (6)						
Safety Officer	Clifton, Chrissy		<u> </u>									
Fire Prevention I	7 T 155	Emerge		lan								
☐ Fire Prevention I		Evacuation Plan										
Name Oyacan	<u> X</u>	First Aid Location		1								
Facility		Phone	Lauvi	rs Facility		Phone						
x Hospital	Medical Center of SETX	409-853-5900	x	Fire	Port Neches Fire	409-853-5900						
x Ambulance	Acadian Ambulance	800-259-1111		Law Enforcement	Department							
X Air Ambulance	Southeast Texas Air Rescue			Emergency Response/Resci								
				e .								
EPA OSC Moeta ROSC TIMO	Philip Rous		lite.									
		1										
TPLEOL	Manager.	11.50										
	3											
S 208 - Site Safety P					ennes aprese 1728							
ICIDENT ACTION PLAN SOF	IWARE I TOTAL TOTAL	and the second		254,408		6.1						

Incident Name: South 4 Group Fire						Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00									
Sunrise Sunset						Ready Alert Aircraft									
11/30/2019 06:52 11/30/2019 17:16						Medivac									
Remarks (sa	afety notes, h	azards, a	ir operations spec	ial equi	ipment, etc)	Nev	w Incident					***************************************		***************************************	
Operations to assist response personnel utilizing thermal and visual imagery at the incident site to determine tactics and assist in response planning.						Temporary Flight Restriction Number									
						Altitude 400									
						Cer	nter Point	29.97	76815, -93.						
Heed all directions from emergency responders. Consider selection of take off and landing sites due to number of power lines IVO incident location. Keep continuous observation on smoke plume and egress/redeploy as conditions warrant.						Frequency / Function AM							FM		
		Per:	sonnel												
Position		Name		Phone	•										
Air Ops Branch D	Director	Coleman	, Bob	832-49	93-1485										
Visual Observer		Lindsey,	David	(b) (6)											
		•		•	Helico	opte	rs								
FAA N#	Category		Make/Model	Base				Available		Start Rem		marks			
FA3WNXXPCY	sUAV		Phantom 4 Pro V2		Incident Comman			ost 11/28/2019 06:00		11/28/2019 PI 07:00		PIC - B. Coleman			
FA3HCFMKEH	sUAV		Matrice 210v2 RTK		Incident Command		d Post 11/29/2019 06:00			11/29/2019 06:00					
FA34CL9AA3	sUAV		Matrice M600		Incident Command			11/29/2019 06:00		11/29/2019 06:00					
	1				Task / Mission	/A:	ssignmen	t		l	1				
Function Name of Personnel or Cargo or Instructions Tactical Aircraft					or	Mission S	tart	Fly To			Fly From				
Aerial Observation Aerial Observation and incident location.			nd imag	gery capture of	11/28/2019 Incident Lo		ocation.		Recommended Safe Distance						
***************************************	on	7 A	Tactical Aircraft Aerial Observation a		***************************************		11/28/201			ocation				afe Dista	
ICS 220 - Air Op	erations Sum	ımary							Prepare:	d By Bob Colem	an, Upd	ated 11/29	/2019 18 4	2 UTC -6:0	